



TF-0818

Order No.: 10.0290

RRP *

PRODUCTINFOS

CELESTION

One of the most appealing names in the world of speakers. The speakers of the TF series impress by both an excellent price-performance ratio and very good sound characteristics and thus are ideally suited for an application in efficient PA speaker systems providing a powerful sound.

Professional PA bass-midrange speaker, 100 W, 8 Ω

- PA bass-midrange speaker, excellent sound, power reserves in the bass range down to approx. 90 Hz
- High-quality Kevlar fibre reinforced cellulose cone
- Heat-resistant 44.5 mm voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth
- With ± 3.5 mm, a high X_{MAX} for this speaker class
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- Ideally suited for compact PA top parts with subwoofer support

HOBBY HiFi 05/2012

"The TF-0818 provides an excellent midrange reproduction with a high-quality sound and outstanding dynamics."

Klang+Ton 03/2011

"Ideal components for compact PA top parts ... also perfectly suitable for satellite speakers of an outstanding level stability in genuine home cinema systems."

TECHNICAL SPECIFICATIONS

TF-0818

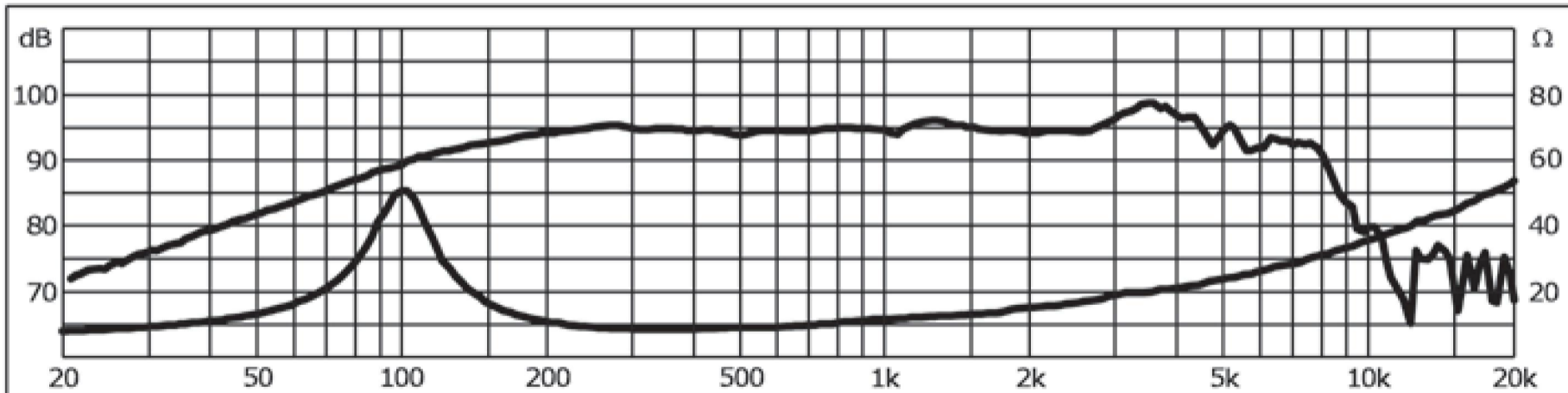
Impedance (Z)	8 Ω
Operating voltage	-
Frequency range	f3 - 6000 Hz
Resonant frequency (fs)	95 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	-
Power rating	100 W
Peak music power output	200 W
Sensitivity	95 dB/W/m
Max. rated SPL	-
Max. voltage	-
Radiation angle, horizontal	-
Radiation angle, vertical	-
Suspension compl. (Cms)	0,17 mm/N
Moving mass (Mms)	17,5 g
Mech. Q factor (Qms)	3,83
Electr. Q factor (Qes)	0,50
Total Q factor (Qts)	0,44
Equivalent volume (Vas)	12,5 l
DC resistance (Re)	6,4 Ω
Force factor (BxL)	11,36 Tm
Voice coil induct. (Le)	0,75 mH
Voice coil diameter	Ø45 mm
Voice coil former	Kapton
Linear excursion (X _{MAX})	±3,5 mm
Eff. cone area (Sd)	255 cm ²

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Magnet weight	0,9 kg
Magnet diameter	Ø136 mm
Mounting cutout	Ø183 mm
Mounting depth	92,5 mm
Mounting hole diameter	-
Hole spacing X-axis	-
Hole spacing Y-axis	-
Dimensions	Ø 208 mm x 99 mm
Outside diameter	Ø208 mm
Width	Ø208 mm
Height	-
Depth	99 mm
Protective class	-
Admiss. ambient temp.	0 - 40 °C
Weight	2,28 kg
Sales unit	1
Type of speaker	8 "

* **Important Notice:** The retail prices shown here are non-binding recommendations that retailers can charge their customers. They are not part of any specific offer or advertisement. These prices include all charges as well as VAT, but do not cover any additional delivery and shipping costs. Our latest price lists for the retail market include all applicable delivery and payment terms for retailers.

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